

Classroom Technology Integration and One to One Professional Development

Summary

The plan for professional development incorporates recommendations from the Technology Task force and district superintendents from around the state. The focus is on building capacity at both state and local levels to ensure that technology is integrated with effective teaching. Funding for the professional development has been provided for both classroom technology integration grades K-12 and one to one devices for grades 9-12. The funds from each will be used to develop a system of professional development grades K-12 that includes parents and students as well as educators. The delivery of professional development will be accomplished through a blended model using both face to face and online methods. As we change the environment students learn in we will work to align what is taught in teacher preparation programs with current classroom practices. To accomplish this we have provided opportunities for faculty to work with K-12 teachers to identify and effectively use classroom technology in teaching and learning. Key components of the plan include;

- Redesign of the ISEE portal to fully support a robust professional development system providing online registration, professional learning communities, a location to house online workshops, and other information related to classroom technology integration.
- Development of regional networks of support in each of our 6 regions will connect educators to share and learn from each other. This will be accomplished by establishing regional training teams comprised of administrators, teachers, and technology coordinators. These teams will provide ongoing support and professional learning opportunities. One training team will focus on developing the skills of K-8 teachers with the second training team focused on high school integration of technology through the use of one to one devices.
- Each high school in Idaho will identify a lead teacher and technology coordinator who will participate in a variety of learning opportunities on using one to one devices and other classroom technology effectively. They will take the lead in providing training in their building on the effective use of technology in the classroom.
- Districts will be able to identify a professional development team of 5-10 people who will focus on classroom integration of technology in grades K-8. They will receive training in how to provide professional development in their district.
- Not all learning opportunities will be provided face to face. School personnel, parents and students will have access to a variety of tools and learning options via the internet at any time. Parents will be able to access information about curriculum, technology tools used in the classroom and supports for working with their children at home.
- Engaging all students in learning and in the use of technology as a learning tool will be critical in a technology rich classroom. For our high school students who will be receiving a one to one device it will be important that they are included in supporting their teachers' efforts. We will be providing leadership development and opportunities for students to provide support not just to other students but to teachers as well.
- Evaluating the impact and outcomes of each aspect of the professional development plan will assist us to learn what is effective and what needs to be changed

One to One (9-12)		
Project	Activity	Start Date
Regional Trainers: Develop in each of 6 regions a cohort of trainers to build capacity in each district to support One to One implementation. The makeup of each regional cohort will include Cohort makeup: <ul style="list-style-type: none">• 1 Building Admin• 1 Teachers• 1 Technology Coord• 1 Special Ed• 1 ELL (Reg 3, 4, 5, 6) Total Statewide 28	Develop and announce application and selection process	2/12
	Select regional trainers (28 Total statewide)	4/12
	Bring all regional training cohorts together to receive training and assist in design of regional trainings. <ul style="list-style-type: none">• May 2 days• June 4 days• July 2 days• Fall 1 day• Winter 1 day	5 /12
	Assist the SDE to provide series of regional training and support to High School building level one to one leaders <ul style="list-style-type: none">• July 2 days• August 2 days• Monthly webinars• Fall 1 day• Spring 1 day	7/12
	Participate in one monthly 2 hour virtual meetings with SDE	9/12
	Each regional trainer will provide up to 10 hours monthly of online support to building level one to one leaders	9/12
	Stipend for Summer Work of \$3,000 per Trainer	6/12
	Support to Districts for Trainers Release (substitutes)	5/12

Project	Activity	Start Date
Building Level One to One Leaders: Each HS will identify a Curriculum Lead and a Technology Lead. These pairs will provide school wide leadership for the integration and deployment of technology and one to one devices.	Develop and distribute information regarding the Building Level One to One Leader project and criteria to assist district in selecting participants	2/12
	Districts provide SDE with names of selected One to One Leaders	4/12
	SDE hosts a webinar for district leadership and all selected One to One Leaders to review expectations and opportunities	5/12
	Participate each year in regional trainings provided by SDE and regional trainers to develop knowledge and skills in providing building leadership and training for one to one and classroom technology <ul style="list-style-type: none"> • July 2 days • August 2 days • Monthly webinars • Fall 1 day • Spring 1 day 	7/12
	Provide training for HS building principals in conjunction with instructional and technology leads. <ul style="list-style-type: none"> • Summer 2 days • Fall 1 day • Spring 1 day 	7/12
	Utilize SDE prepared planning, training and support materials to provide professional learning opportunities at their building site and assist in one to one and classroom technology integration.	8/12
Develop and make available tools and strategies to increase effective use of technology in teaching and learning. <ul style="list-style-type: none"> • Statewide • Regional • District/Building • Individual Teacher 	Develop materials that can be used by regional trainers, building level leaders, and others to provide learning opportunities administrators and teachers	7/12
	Deliver and archive monthly webinars for teachers of grades 9-12 on topics specific to integrating one to one devices and classroom technology effectively	8/12
	Deliver and archive monthly webinars for high school principals on effectively leading their buildings to integrate one to one devices and classroom technology	8/12
	Utilize professional organization meetings and conferences to provide professional learning opportunities, including IASA, IEA, CEC and content specific associations.	8/12
Professional Learning for All Faculty and Administrators Grades 9-12	Develop short video clips that provide examples and information specific to the integration of one to one devices into high school teaching and learning by Idaho teachers.	9/12
	Provide online workshops and learning opportunities that are available to learners 24/7 specific to the integration of one to one devices into teaching and learning, targeting both pedagogy and devices.	8/12
	Partner with post secondary schools to provide both graduate and continuing education credit bearing learning opportunities	8/12

Project	Activity	Start Date
Teacher preparation Programs: Faculty gain the knowledge to incorporate technology standards into their teaching and requirements of teacher candidates	Meet with teacher preparation program Deans and faculty from each of Idaho's programs to identify courses and faculty at each institution to initiate the inclusion of content specific to one to one devices in teaching and learning	4/12
	Provide ongoing communication to teacher preparation Deans and faculty regarding professional learning opportunities regarding one to one and classroom technology integration	4/12
	Make available mini grants to faculty for the purpose of partnering with high school teachers to identify effective integration of one to one devices in teaching and learning	1/13
Student leadership development Develop a student leadership council on technology in schools to assist in the developing supports for student use of one to one devices.	Recruit and select student leaders from across the state to participate in the Idaho Student Technology Council (ISTC)	9/12
	Idaho Student Technology Council convenes to partner with the SDE and others to develop a plan to create materials and learning opportunities targeted to high school students	11/12
	Idaho Student Technology Council partners with Regional Training Teams to assist schools in providing learning opportunities to students on one to one devices	3/13
	ISTC and SDE provide support to implement student lead activities in the deployment of one to one devices, including state and regional student centered workshops	6/13
Develop Parent Understanding: Provide parents with information and tools assist with their participation in the use of one to one devices by their children	Develop and provide materials that can be used by districts to inform and involve parents in the deployment and use of one to one devices.	10/12
	Develop short video clips providing examples and information of interest to parents regarding the use of one to one devices by their children.	1/13
SDE staff skill development: SDE staff knowledge development and infusion into current initiatives	Assist SDE staff to identify ways to incorporate the use of one to one devices in to their current projects and initiatives to provide coherence across SDE professional development.	8/12
Evaluate Professional Development	Design and implement a plan to collect and analyze both qualitative and quantitative information regarding the impact of the professional development provided.	7/12

Classroom Technology Integration (K-12)		
Project	Activity	Start Date
Support the development of District Technology Teams	Provide webinars to provide district leadership teams information and technical assistance about planning for classroom technology integration	10/11
	Provide a one day workshop each year focused on planning and aligning technology integration into teaching and learning for district technology teams	8/12
	Develop materials and training opportunities regarding the development and support of a comprehensive district technology plan	7/12
ISEE Portal Development to support Professional Learning opportunities	Redesign and maintain the ISEE portal to provide the infrastructure necessary to function as the central location for SDE professional development to include registration system, calendar, learning community support, webinar archives, Schoolnet and data warehouse.	Redesign 2/12-6/12
	Identify and develop multiple methods to distribute professional learning for educators and information for parents via the internet such as iTunes U.	Identify 3/12
		Develop 6/12
ISEE Navigators: A cadre of education leaders who provide support to district and school leadership in the effective roll out of an instructional management system, including data collection and use across levels (district, school, teacher)	SDE will provide ISEE Navigators ongoing training in the use of data collection, analysis and an instructional management system. <ul style="list-style-type: none"> • 3 days initial skill development in the collection and use of data • 2 days development and use of assessment • 2 days utilizing digital curriculum and materials • monthly webinars 	10/11
	Provide technical assistance to district administrators and instructional leaders on the collection, reporting and use of data necessary to support the instructional management system	1/12
	Assist the SDE in providing professional development to building leadership and teachers in the effective use of the instructional management system	2/12

Project	Activity	Start Date
Regional Trainers: Develop in each of 6 regions a cohort of trainers to build capacity in each region to support classroom technology integration grades K-8 Cohort makeup: <ul style="list-style-type: none"> • 6 Building Admin • 6 Teachers • 6 Technology Coord • 6 Special Ed • 4 ELL (Reg 3, 4, 5, 6) Total Statewide 28	Develop and announce application and selection process	2/12
	Select regional trainers (28 Total statewide)	4/12
	Bring all regional training cohorts together to receive training and assist in design of regional trainings. <ul style="list-style-type: none"> • May 2 days • June 3 days • Fall 1 day Winter 1 day 	5/12
	Assist the SDE to provide series of regional training and support to District Level PD Teams <ul style="list-style-type: none"> • Summer 2 days Fall 1 day Spring 1 day 	7/12
	Participate in one monthly 2 hour virtual meetings with SDE	8/12
	Stipend for Summer Work of \$3,000 per Trainer	6/12
	Support to Districts for Trainers Release (substitutes)	5/12
District Level PD Team: Each District will identify a team of curriculum and technology leaders who will plan and deliver professional learning opportunities across the district on the classroom integration of technology.	Develop and distribute information regarding District Level PD Team project and criteria to assist district in selecting participants	2/12
	Districts provide SDE with names of District Level PD Team members	4/12
	SDE hosts a webinar for District Level PD Team members to review expectations and opportunities	4/12
	Participate each year in three regional workshops and monthly webinars provided by SDE and regional trainers to develop knowledge and skills to provide district leadership and training for classroom technology integration <ul style="list-style-type: none"> • Summer 2 days • Fall 1 day • Spring 1 day • Monthly webinars 	7/12
	Utilize SDE prepared planning, training and support materials to provide professional learning opportunities in their district on classroom technology integration.	8/12

